

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/565, 278  
Source: TFW0  
Date Processed by STIC: 07/03/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual - ePAVE**)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

## RAW SEQUENCE LISTING

DATE: 07/03/2006

PATENT APPLICATION: US/10/565,278

TIME: 11:24:34

Input Set : A:\2271676\_1.TXT

Output Set: N:\CRF4\07032006\J565278.raw

3 <110> APPLICANT: Schmutz, Sheila Marie  
 4 Goodall, Julie Janine  
 6 <120> TITLE OF INVENTION: IMPROVING PRODUCTION CHARACTERISTICS OF CATTLE  
 8 <130> FILE REFERENCE: 56550-1  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/565,278  
 C--> 10 <141> CURRENT FILING DATE: 2006-01-20  
 10 <150> PRIOR APPLICATION NUMBER: US 60/489,026  
 11 <151> PRIOR FILING DATE: 2003-07-22  
 13 <150> PRIOR APPLICATION NUMBER: PCT/CA2004/001039  
 14 <151> PRIOR FILING DATE: 2004-07-20  
 16 <160> NUMBER OF SEQ ID NOS: 3  
 18 <170> SOFTWARE: PatentIn version 3.2  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 217  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: bos taurus  
 26 <220> FEATURE:  
 27 <221> NAME/KEY: variation  
 28 <222> LOCATION: (150)..(150)  
 29 <223> OTHER INFORMATION: C or T residue at position 150  
 31 <220> FEATURE:  
 32 <221> NAME/KEY: misc\_feature  
 33 <222> LOCATION: (150)..(150)  
 34 <223> OTHER INFORMATION: C or T residue at position 150; T creates an additional BsrI  
 35 restriction site; affects birth weight, sex-corrected rib eye  
 36 area size, fat content and marbling  
 38 <400> SEQUENCE: 1  
 39 cctcagcctc atccccctcct ttgcctccca gtcaagcctg ctgggggggtc tgagcaccac 60  
 41 agccagagca cccccgcctt ggcagcgact gctactattg gccagccag cggatcatcc 120  
 43 acctggcagt cgagagcctg gggcaccagy gacgtccagg tcctctttac ccaccgcccc 180  
 45 ggggagcttc agagacaaca cagcaaatag agcacag 217  
 48 <210> SEQ ID NO: 2  
 49 <211> LENGTH: 24  
 50 <212> TYPE: DNA  
 51 <213> ORGANISM: Artificial Sequence  
 53 <220> FEATURE:  
 54 <223> OTHER INFORMATION: PCR Primer  
 56 <400> SEQUENCE: 2  
 57 cctcagcctc atccccctcct ttgc 24  
 60 <210> SEQ ID NO: 3  
 61 <211> LENGTH: 25  
 62 <212> TYPE: DNA  
 C--> 63 <213> ORGANISM: Artificial sequence

Does Not Comply  
 Corrected Diskette Needed

CPG-1)

g/L2137 Responses are  
 Artificial or Unknown, pls  
 Explain the Source of genetic  
 Material? See pg-3 for  
 Error Explanation 7/3/2006

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TIME: 11:24:34

Input Set : A:\2271676\_1.TXT

Output Set: N:\CRF4\07032006\J565278.raw

W--&gt; 65 &lt;220&gt; FEATURE:

W--&gt; 65 &lt;223&gt; OTHER INFORMATION:

W--&gt; 65 &lt;400&gt; 3

66 ctgtgctcta tttgctgtgt tgtct

25

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/565,278

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Input Set : A:\2271676\_1.TXT  
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*Error Explanation*

Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:3

## VERIFICATION SUMMARY

DATE: 07/03/2006

PATENT APPLICATION: US/10/565,278

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Input Set : A:\2271676\_1.TXT

Output Set: N:\CRF4\07032006\J565278.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:63 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:65 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>  
ORGANISM:Artificial Sequence  
L:65 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>  
ORGANISM:Artificial Sequence  
L:65 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:65